|   | Index of Claims |          |            |                |               |          |          |           |               |          |                             |          |          |               | pplication/Control No. |           |                              |          |          |             |              |          |               | Applicant(s)/Patent under Reexamination |          |                 |        |          |          |                     |           |           |  |   |
|---|-----------------|----------|------------|----------------|---------------|----------|----------|-----------|---------------|----------|-----------------------------|----------|----------|---------------|------------------------|-----------|------------------------------|----------|----------|-------------|--------------|----------|---------------|---|----------|-----------------|--------|----------|----------|---------------------|-----------|-----------|--|---|
|   |                 | 1111     |            | IM             | nn            |          | MU       |           |               |          | mım                         | 1        |          |               |                        | 1         | 09/837,171                   |          |          |             |              |          |               |   |          | NAKAJIMA ET AL. |        |          |          |                     |           |           |  |   |
|   |                 |          | Ш          | Ш              | Ш             |          |          |           |               | Ш        |                             |          |          |               |                        | ħ         | Examiner Lin Ye              |          |          |             |              |          |               |   | Art Unit |                 |        |          |          |                     |           |           |  |   |
|   |                 |          |            |                |               |          |          |           |               | Ш        | 00                          |          |          | ٠             |                        |           | Lin /<br>Kevin M. Gagliostro |          |          |             |              |          | r r           | 2615                                    |          |                 |        |          |          |                     |           |           |  |   |
|   |                 |          |            |                |               |          |          |           |               |          |                             |          |          |               | 1                      | _         |                              |          |          |             |              |          |               |   |          |                 |        |          | _        |                     | <u> </u>  |           |  |   |
|   |                 |          | √ Rejected |                |               |          |          |           |               | Ŀ        | (Through numer<br>Cancelled |          |          |               |                        | ral       | al)                          |          | N        | N           | Non-Eli      |          | ted           |   | A        | Appeal          |        |          |          |                     |           |           |  |   |
|   | •               |          | =          | = Allowed      |               |          |          |           |               | +        | Restricte                   |          |          | bed           |                        |           |                              | _        | lr       | ntei        | fere         | nce      |               | 0                                       | (        | Оъј             | ect    | ed       |          |                     |           |           |  |   |
|   | Ci              | aim      |            | _              | Date          | -<br>B   |          |           | $\overline{}$ | Claim    |                             |          |          | _             |                        | Date      | <del></del>                  |          |          | 7           |              | Ctaim    |               | Date                                    |          |                 |        |          | 7        |                     |           |           |  |   |
|   |                 |          | J          | 100            |               |          | Ĭ        |           |               | П        |                             | $\neg$   | -        | T             | Τ                      | Τ         | T                            | Ī        | П        | П           | 7            |          |               | h                                       |          |                 |        |          | П        | ┪                   |           |           |  |   |
|   | Final           | Original | 12/8/0     | 12/8           | 6             | ŀ        |          |           |               |          |                             | Final    |          | Original      | ١                      | İ         |                              |          |          |             |              |          | Final         | Original                                |          |                 |        |          |          |                     |           |           |  |   |
|   |                 | 1        | 1          |                | v             |          |          |           |               |          |                             |          |          | 51            | 士                      | $\pm$     | 士                            |          |          |             |              | _        |               | 101                                     |          |                 | $\pm$  | T        | t        | Н                   | $\dashv$  | ᅥ         |  |   |
|   | <u> </u>        | 3        | 7          | +              | H             | _        | -        | H         | -             |          | Н                           | L        |          | 52<br>53      | +                      | +         | ╀                            | L        | Ц        | Н           | Н            | -        |               | 102                                     | Н        | $\blacksquare$  | $\bot$ | Ţ        | L        | П                   | 4         | $\exists$ |  |   |
|   |                 | 4        | 1          | $\dagger$      | Н             |          |          |           |               |          | Н                           |          | 1        | <del>23</del> | $\pm$                  | t         | +                            | $\vdash$ |          |             | H            | -        | -             | 104                                     | Н        | +               | ╁      | ╁        | ╁        | Н                   | +         | $\dashv$  |  |   |
|   |                 | 5        | 7          | $\prod$        | П             | Г        |          |           |               | П        |                             |          | $\Box$ : | 55            | 7                      | I         | T                            |          |          | П           | $\Box$       |          | $\sqsubseteq$ | 105                                     |          | $\Box$          | Ţ      |          |          |                     |           | コ         |  |   |
|   | $\vdash$        | 7        | 1          | +              | Н             | ⊢        | Н        | ┝         | ├             | H        | Н                           | $\vdash$ |          | 56<br>57      | +                      | ╀         | ╀                            | H        | Н        | Н           | $\dashv$     | $\dashv$ | $\vdash$      | 106                                     | Н        | +               | ╀      | ╀        | ┞        | Н                   | 4         | 4         |  |   |
|   |                 | 8        | 7          | Ϊ              | Ц             |          |          |           |               |          |                             |          | 7        | 58            | 土                      | İ         |                              |          |          |             |              | _        |               | 108                                     |          |                 | +      | +        | t        | H                   | $\dashv$  | ┨         |  |   |
|   | <u> </u>        | 10       | 1          | $\bot$         | Н             | L        | Н        | L         | Ļ             | Ш        | Н                           | <u> </u> |          | 59<br>30      | $\bot$                 | $\bot$    | Ļ                            | L        | Ц        | Ц           |              | 7        |               | 109                                     | П        | Ŧ               | Ţ      | I        | Г        | П                   | $\exists$ | $\exists$ |  |   |
|   | <u> </u>        | 11       | 7          | Н              | H             | -        | Н        | Н         | ┝             | -        | Н                           | $\vdash$ |          | 31            | ╅                      | ╁         | ╁                            | H        | Н        | Н           | $\dashv$     | $\dashv$ | ⊢             | 110                                     | Н        | ┿               | ┿      | ╁        | ŀ        | Н                   | $\dashv$  | $\dashv$  |  |   |
|   |                 | 12       | J          |                |               |          |          |           |               |          |                             |          | 10       | 52            | 工                      | I         | İ                            |          |          |             |              | コ        |               | 112                                     |          | 土               | İ      | 上        |          |                     | 士         | ╛         |  |   |
|   | ├               | 13       | 1          | +              | H             | -        | Н        | ┡         | ┝             | H        | H                           | ├        | 4        | 33<br>34      | +                      | +         | ╀                            | ┡        | Н        | Н           | $\dashv$     | 4        | $\vdash$      | 113                                     | $\vdash$ | 4               | $\bot$ | L        | L        | П                   | 4         | $\exists$ |  | · |
|   | <del> </del>    | 15       | 1          | +              | H             | $\vdash$ | Н        | $\vdash$  | $\vdash$      | H        | Н                           | $\vdash$ |          | 55            | ╁                      | +         | +                            | ┢        | Н        | Н           | $\dashv$     | ┥        | $\vdash$      | 114<br>115                              | Н        | +               | ╁      | ╁        | H        | Н                   | $\dashv$  | ┨         |  |   |
|   |                 | 16       | J          | I              | $\Box$        |          |          | Ш         |               |          |                             |          | 1        | 6             | 工                      | I         | 上                            |          |          |             |              | コ        |               | 116                                     |          | 工               | İ      |          |          |                     |           |           |  |   |
|   | _               | 17       | 1          | +              | Н             | -        | Н        | _         | H             |          | Н                           | -        |          | 37<br>38      | +                      | +         | ╀                            | L        | Н        | Н           | 4            | -        | ┝             | 117                                     | Н        | _               | Ļ      | $\perp$  | L        | Ц                   | 4         | _         |  |   |
|   | <u> </u>        | 19       | 1          | $\dagger$      | Н             | $\vdash$ | H        | Н         | Н             | Н        | Н                           | H        |          | 9             | +                      | +         | +-                           | H        | Н        | Н           | +            | ┥        | $\vdash$      | 119                                     | Н        | +               | ╁      | ╁        | H        | Н                   | ╅         | ᅱ         |  |   |
| • |                 | 20       | 1          | Ц              | $\Box$        |          | П        |           |               |          |                             |          | T        | 70            | I                      | I         | I                            |          | П        |             | $\Box$       |          |               | 120                                     |          |                 | I      |          |          |                     |           |           |  |   |
|   |                 | 21<br>22 | 1          | H              | H             | Н        | Н        | Н         | H             |          | Н                           | ┝        |          | /4<br>/2      | ╁                      | +         | ╀                            | H        | Н        | Н           | +            | -        | -             | 121<br>122                              | Н        | +               | ╀      | ╀        | ┡        | H                   | +         | 4         |  |   |
|   |                 | 23       | i          | #              | Í             | П        | Н        |           |               |          |                             |          |          | 73            | $\pm$                  | $\dagger$ | t                            | $\vdash$ |          | H           | 7            | ┪        | 一             | 123                                     | Н        | 十               | +      | ╁        | ┝        | Н                   | +         | ┥         |  |   |
|   | $\Box$          | 24       | 1          | $\blacksquare$ | $\Box$        |          | $\Box$   |           |               |          | $\Box$                      | 匚        |          | 4             | Ŧ                      | Ŧ         | Γ                            |          |          |             | $\Box$       | 7        |               | 124                                     | П        | 1               | I      |          |          | П                   | $\Box$    | コ         |  |   |
|   | H               | 25<br>26 | 7          | +              | Н             | Н        | Н        | H         | Н             |          | Н                           | ⊢        |          | 75<br>76      | +                      | ╁         | ╁                            | Н        | Н        | $\dashv$    | -            | ┥        | ⊢             | 125<br>126                              | Н        | +               | ╀      | ╀        | H        | Н                   | -         | ┥         |  |   |
|   |                 | 27       | 1          | _              |               |          |          |           |               |          |                             |          | $\perp$  | 7             | 土                      | İ         |                              | Ħ        |          |             | ┪            | _        |               | 127                                     | Н        | +               | t      | ✝        | $\vdash$ | H                   | 十         | ۲         |  |   |
|   | <u></u>         | 28       | Н          | _              | Щ             | Н        | П        | Ţ         | Н             |          | $\Box$                      |          |          | 8             | 1                      | Ţ         | $\vdash$                     |          |          | $\Box$      | $\Box$       |          |               | 128                                     | П        | $\Box$          | Ţ      |          |          |                     | $\dashv$  | $\exists$ |  |   |
|   |                 | 29<br>30 | Н          | $\dashv$       | Н             | Н        | $\vdash$ | Н         | Н             | Н        | -1                          | ⊢        |          | 9             | ╫                      | ╁         | ╁                            | Н        | Н        | Н           | $\dashv$     | ┥        | ⊢             | 129<br>130                              | Н        | +               | ╀      | ╀        | ┞        | Н                   | +         | $\dashv$  |  |   |
|   |                 | 31       |            |                |               |          |          |           |               |          |                             |          | 1        | 11            | 土                      | İ         | İ                            |          |          |             | I            | ╛        |               | 131                                     |          |                 | 十      | †        | $\vdash$ | H                   | $\top$    | ┨         |  |   |
| • |                 | 32<br>33 | Н          | -              | Ш             | Ц        | -        | Щ         | Н             | $\dashv$ | _                           | <u> </u> |          | 2             | 4                      | L         | 1                            |          | $\Box$   | П           | $\downarrow$ | 7        |               | 132                                     | П        | $\perp$         | L      |          |          | П                   | $\Box$    | $\Box$    |  |   |
|   | $\vdash$        | 33       | H          | $\dashv$       | Н             | $\vdash$ | Н        | Н         | Н             | ᅱ        | $\dashv$                    | ┢        |          | 13            | 十                      | ┿         | ╁                            | Н        | $\vdash$ | $\dashv$    | +            | ᅱ        | _             | 133<br>134                              | Н        | ┿               | ╁      | ╀╌       | H        | Н                   | +         | ┥         |  |   |
|   |                 | 35       |            | $\Box$         | V             |          |          |           |               |          |                             |          |          | 15            | 1                      | I         | 上                            |          |          |             |              | ゴ        |               | 135                                     |          |                 | İ      |          |          |                     | 士         | ゴ         |  |   |
|   | _               | 36<br>37 | Н          | $\dashv$       | Щ             | $\dashv$ | $\dashv$ | Н         | Н             | 4        |                             | ├        |          | 16            | +                      | +         | ╀                            | L        | $\dashv$ | $\dashv$    | 4            | 4        |               | 136                                     |          | _               | $\bot$ | $\vdash$ |          | Ц                   | $\dashv$  | 7         |  |   |
|   |                 | 38       | H          | ┪              | $\exists$     |          |          | Н         | Н             | ᅥ        | $\dashv$                    | $\vdash$ |          | 18            | +                      | +         | +                            | Н        | $\dashv$ | $\dashv$    | $\dashv$     | $\dashv$ | ⊢             | 137                                     | Н        | ╁               | ┿      | ┢        | $\vdash$ | Н                   | +         | ┨         |  |   |
|   |                 | 39       |            | $\Box$         |               |          |          |           |               |          |                             |          |          | 9             | 工                      | I         | I                            |          |          | $\sqsupset$ | _[           |          |               | 139                                     |          | 土               | 上      | 上        |          |                     |           | ╛         |  |   |
|   |                 | 40<br>41 | $\vdash$   | ᆛ              | Н             | -        |          | $\dashv$  | Н             | -        |                             | <u> </u> | _        | 0             | +                      | ╀         | ╀                            | Н        | Н        | 4           | 4            | 4        | ├             | 140                                     | Н        | 4               | 1      | Į.       | L        | Н                   | 4         | 4         |  |   |
|   |                 | 42       | H          |                | H             |          | $\Box$   | $\exists$ | $\vdash$      | _        | ╛                           |          | ] 9      | 2             | 士                      | 十         | T                            | H        | $\dashv$ | $\dashv$    | ╅            | $\dashv$ | $\vdash$      | 141                                     | Н        | +               | +      | +-       | -        | Н                   | +         | $\dashv$  |  |   |
|   |                 | 43       | Ц          | $\Box$         | П             |          |          | $\Box$    |               |          |                             |          | _        | 3             | I                      | T         | L                            |          |          | $\Box$      | $\Box$       |          |               | 143                                     | 口        | 工               | I      |          |          |                     | $\Box$    | $\Box$    |  |   |
|   | ┝┈┤             | 44<br>45 | Н          | $\dashv$       | ${\mathbb H}$ |          | $\vdash$ | $\dashv$  | Н             | -        | $\dashv$                    | $\vdash$ |          | 5             | +                      | ╀         | ╀                            | Н        | $\dashv$ | 4           | +            | 4        | <u> </u>      | 144                                     | H        | +               | +      | H        | H        | Н                   | 4         | 4         |  |   |
|   |                 | 46       |            |                | ╛             |          |          |           | Ħ             | ╛        |                             |          | 9        | 6             | $\pm$                  | İ         | T                            | H        |          | _           | +            | -        | -             | 148                                     | H        | +               | +      | H        | Н        | Н                   | +         | $\dashv$  |  |   |
|   | $\Box$          | 47       | $\Box$     | 4              | П             | П        | $\Box$   | $\Box$    | П             | コ        | 4                           |          | _        | 7             | T                      | F         | oxday                        | 口        | $\Box$   | コ           | $\sqsupset$  |          |               | 147                                     | 口        | $\perp$         | I      |          |          |                     | $\Box$    |           |  |   |
|   | Н               | 48<br>49 | ┝┥         | -              | $\vdash$      | $\dashv$ | $\dashv$ |           | Н             | -        | -                           | $\vdash$ |          | 9             | +                      | ╁         | $\vdash$                     | Н        |          | 4           | +            | 4        | <b> </b>      | 148                                     | Н        | - -             | ╀      | H        | Н        | $\vdash \downarrow$ | 4         | 4         |  |   |
|   |                 | 50       |            | ゴ              |               |          |          | $\Box$    |               | _        |                             |          |          | 20            | 土                      | İ         | 亡                            | Ц        | _        | 寸           | +            | _        |               | 150                                     | H        | +               | T      | T        | Н        | $\vdash$            | +         | $\dashv$  |  |   |